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BIOTECHNOLOGY SYSTEMS BRANCH

05-90
05-07

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/002,802
Source: OIPE
Date Processed by STIC: 5/2/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**>, **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. **Hand Carry directly to:**
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

Raw Sequence Listing Error Summary

OIPE

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 10/002,802

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4	Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
11	Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

OIPE

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING DATE: 05/02/2002
PATENT APPLICATION: **US/10/002,802** TIME: 15:48:11

Input Set : **A:\06669~1.txt**
Output Set: **N:\CRF3\05022002\J002802.raw**

```
  3 <110> APPLICANT: Uhler, Michael D.
  5 <120> TITLE OF INVENTION: Surface Transfection and Expression Procedure
  7 <130> FILE REFERENCE: UM-06669
  9 <140> CURRENT APPLICATION NUMBER: 10/002,802
C--> 10 <141> CURRENT FILING DATE: 2002-04-19
 12 <150> PRIOR APPLICATION NUMBER: 60/245,892
 13 <151> PRIOR FILING DATE: 2000-11-03
 15 <150> PRIOR APPLICATION NUMBER: 60/305,552
 16 <151> PRIOR FILING DATE: 2001-07-13
 18 <150> PRIOR APPLICATION NUMBER: 09/960,454
 19 <151> PRIOR FILING DATE: 2001-09-21
 21 <160> NUMBER OF SEQ ID NOS: 22
 23 <170> SOFTWARE: PatentIn version 3.1
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 20
 27 <212> TYPE: DNA
 28 <213> ORGANISM: PKCa phosphorothioate oligonucleotide
 30 <400> SEQUENCE: 1
 31 gttctcgctg gtgagtttca                                          20
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 7
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Transcriptional response element
 39 <400> SEQUENCE: 2
 40 tgactca                                                        7
 43 <210> SEQ ID NO: 3
 44 <211> LENGTH: 8
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Transcriptional response element
 48 <400> SEQUENCE: 3
 49 tgacgtca                                                       8
 52 <210> SEQ ID NO: 4
 53 <211> LENGTH: 9
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Transcriptional response element
 57 <400> SEQUENCE: 4
 58 gggaattcc                                                      9
 61 <210> SEQ ID NO: 5
 62 <211> LENGTH: 12
 63 <212> TYPE: DNA
 64 <213> ORGANISM: Transcriptional response element
 66 <400> SEQUENCE: 5
 67 gaaactgaaa ct                                                 12
```

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

– Invalid response, see error summary sheet item 10

RAW SEQUENCE LISTING DATE: 05/02/2002
PATENT APPLICATION: US/10/002,802 TIME: 15:48:11

Input Set : A:\06669-1.txt
Output Set: N:\CRF3\05022002\J002802.raw

70 <210> SEQ ID NO: 6
71 <211> LENGTH: 12
72 <212> TYPE: DNA
73 <213> ORGANISM: Transcriptional response element
75 <400> SEQUENCE: 6
76 aaactgaaac tg 12
79 <210> SEQ ID NO: 7
80 <211> LENGTH: 22
81 <212> TYPE: DNA
82 <213> ORGANISM: Transcriptional response element
84 <400> SEQUENCE: 7
85 agtttcatat ttactctaaa tc 22
88 <210> SEQ ID NO: 8
89 <211> LENGTH: 29
90 <212> TYPE: DNA
91 <213> ORGANISM: Transcriptional response element
93 <400> SEQUENCE: 8
94 ggaggaaaaa ctgttcatac agaaggcgt 29
97 <210> SEQ ID NO: 9
98 <211> LENGTH: 12
99 <212> TYPE: DNA
100 <213> ORGANISM: Transcriptional response element
102 <400> SEQUENCE: 9
103 cacgtccacg tc 12
106 <210> SEQ ID NO: 10
107 <211> LENGTH: 17
108 <212> TYPE: DNA
109 <213> ORGANISM: Transcriptional response element
111 <400> SEQUENCE: 10
112 cttggcggga gatagaa 17
115 <210> SEQ ID NO: 11
116 <211> LENGTH: 8
117 <212> TYPE: DNA
118 <213> ORGANISM: Transcriptional response element
120 <400> SEQUENCE: 11
121 ccaggaag 8
124 <210> SEQ ID NO: 12
125 <211> LENGTH: 13
126 <212> TYPE: DNA
127 <213> ORGANISM: Transcriptional response element
129 <400> SEQUENCE: 12
130 atgcaaatga tat 13
133 <210> SEQ ID NO: 13
134 <211> LENGTH: 13
135 <212> TYPE: DNA
136 <213> ORGANISM: Transcriptional response element
138 <400> SEQUENCE: 13
139 ctaagtcaat aat 13
142 <210> SEQ ID NO: 14

RAW SEQUENCE LISTING DATE: 05/02/2002
PATENT APPLICATION: US/10/002,802 TIME: 15:48:11

Input Set : A:\06669-1.txt
Output Set: N:\CRF3\05022002\J002802.raw

143 <211> LENGTH: 20
144 <212> TYPE: DNA
145 <213> ORGANISM: Transcriptional response element
147 <400> SEQUENCE: 14
148 tgcagattgc gcaatctgca 20
151 <210> SEQ ID NO: 15
152 <211> LENGTH: 16
153 <212> TYPE: DNA
154 <213> ORGANISM: Transcriptional response element
156 <400> SEQUENCE: 15
157 gccagccaat gagcgc 16
160 <210> SEQ ID NO: 16
161 <211> LENGTH: 21
162 <212> TYPE: DNA
163 <213> ORGANISM: Transcriptional response element
165 <400> SEQUENCE: 16
166 cgccctcgcc cccgcgccgg g 21
169 <210> SEQ ID NO: 17
170 <211> LENGTH: 13
171 <212> TYPE: DNA
172 <213> ORGANISM: Transcriptional response element
174 <400> SEQUENCE: 17
175 ccccgctgcc atc 13
178 <210> SEQ ID NO: 18
179 <211> LENGTH: 25
180 <212> TYPE: DNA
181 <213> ORGANISM: Transcriptional response element
183 <400> SEQUENCE: 18
184 gttatggcga ctatccagct ttgtg 25
187 <210> SEQ ID NO: 19
188 <211> LENGTH: 23
189 <212> TYPE: DNA
190 <213> ORGANISM: Transcriptional response element
192 <400> SEQUENCE: 19
193 gaaacccctg gaatattccc gac 23
196 <210> SEQ ID NO: 20
197 <211> LENGTH: 9
198 <212> TYPE: DNA
199 <213> ORGANISM: Transcriptional response element
201 <400> SEQUENCE: 20
202 ttcccgtaa 9
205 <210> SEQ ID NO: 21
206 <211> LENGTH: 22
207 <212> TYPE: DNA
208 <213> ORGANISM: CMV promoter
210 <400> SEQUENCE: 21
211 attacggggt cattagttca ta 22
214 <210> SEQ ID NO: 22
215 <211> LENGTH: 22

VERIFICATION SUMMARY DATE: 05/02/2002
PATENT APPLICATION: **US/10/002,802** TIME: 15:48:12

Input Set : **A:\06669~1.txt**
Output Set: **N:\CRF3\05022002\J002802.raw**

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

US 1000280206P1

Creation date: 03-15-2004
Indexing Officer: KKHAMBAY - KHOUTHONG KHAMBAY
Team: OIPEBackFileIndexing
Dossier: 10002802

Legal Date: 05-14-2002

No.	Doccode	Number of pages
1	CRFL	1

Total number of pages: 1

Remarks:

Order of re-scan issued on .....